Amendment and Response to Office Action dated January 6, 2006 Serial No. 09/719,326 (National Phase of PCT/EP99/04419)

371 Filing Date: February 23, 2001

Page 2 of 12

1 age 2 01 12

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the

application. Please amend Claims 5-6, 8, 14-16, 18-23, 25-26, 29, and 31 as indicated in the

following Listing of Claims.

Please cancel Claim 30 without prejudice or disclaimer.

Listing of Claims

1. (Cancelled)

2. (Previously presented) The flat material according to claim 29, wherein the nonwoven

material is a wet nonwoven material, a dry nonwoven material, or a spunbonded nonwoven

material.

3. (Previously presented) The flat material according to claim 29, wherein the nonwoven

material is a cellulose nonwoven material.

4. (Previously presented) The flat material according to claim 29, wherein the nonwoven

material is printed.

5. (Currently amended) The flat material according to claim 29, wherein the thickness of

the at least one cover layer is at least 90 µm.

6. (Currently amended) The flat material according to claim 29, whereby wherein the at

least one coating compound for the at least one cover layer is based on a material selected

from plastisols, organosols, dispersions, lacquers, or combinations thereof.

Serial No. 09/719,326 (National Phase of PCT/EP99/04419) 371 Filing Date: February 23, 2001

Page 3 of 12

7. (Previously presented) The flat material according to claim 6, wherein the plastisol is

a PVC plastisol.

8. (Currently amended) The flat material according to claim 6, wherein the at least one

coating compound for the at least one cover layer is a material containing polyreaction

products, whereby wherein the polyreaction products are obtained by the reaction of at least

one dicarboxylic acid, polycarboxylic acid or their derivatives and mixtures thereof with at

least one epoxidation product of a carboxylic acid ester or a mixture of these epoxidation

products.

9. (Previously presented) The flat material according to claim 8, wherein the

dicarboxylic acid is maleic acid, itaconic acid, fumaric acid, succinic acid, methyl succinic

acid, malic acid, or furan dicarboxylic acid or a mixture containing at least two of these

acids.

10. (Previously presented) The flat material according to claim 8, wherein the

polycarboxylic acid is selected from citric acid or aconitic acid.

11. (Previously presented) The flat material according to claim 8, wherein the derivative

of the dicarboxylic acid or polycarboxylic acid is an anhydride or partial ester.

12. (Previously presented) The flat material according to claim 11, wherein the alcohol

component of the partial ester is a polyol.

13. (Previously presented) The flat material according to claim 12, wherein the polyol is

dipropylene glycol, a propane diol, a butane diol, a hexane diol, a hexane triol, glycerin, or

pentaerythritol, or a mixture containing at least two of these polyols.

Amendment and Response to Office Action dated January 6, 2006 Serial No. 09/719,326 (National Phase of PCT/EP99/04419)

371 Filing Date: February 23, 2001

Page 4 of 12

14. (Currently amended) The flat material according to claim 8, wherein the mixture of

the at least one dicarboxylic acid or polycarboxylic acid or their derivatives is a mixture of a

partial ester of maleic acid anhydride and dipropylene glycol with citric acid.

15. (Currently amended) The flat material according to claim 8, wherein the <u>at least one</u>

epoxidation product of a carboxylic acid ester contains more than one epoxy group per

molecule.

16. (Currently amended) The flat material according to claim 8, wherein the at least one

epoxidation product of a carboxylic acid ester is epoxidized linseed oil, epoxidized soybean

oil, epoxidized caster oil, epoxidized rapeseed oil or vernonia oil or a mixture containing at

least two of these epoxidation products.

17. (Cancelled)

18. (Currently amended) The flat material according to claim 29, wherein the at least one

cover layer is transparent.

19. (Currently amended) The flat material according to claim 18, wherein the at least one

coating compound for the at least one cover layer contains no more than 2 weight percent of

filler.

20. (Currently amended) The flat material according to claim 29, wherein one or more

flat nonwoven materials are additionally located under the at least one cover layer.

Serial No. 09/719,326 (National Phase of PCT/EP99/04419) 371 Filing Date: February 23, 2001

Page 5 of 12

21. (Currently amended) The flat material according to claim 20, wherein the nonwoven

material located under the at least one cover layer is a glass fiber nonwoven material.

22. (Currently amended) The flat material according to claim 29, further comprising at

least one carrier layer and at least one previously defined cover layer, optionally one backing

coating located under the carrier layer made of a chemically or mechanically foamed foam

layer, and optionally a compact or base coating, which is positioned between the at least one

carrier layer and the at least one cover layer and/or between the at least one carrier layer and

the backing coating.

23. (Currently amended) The flat material according to claim 22, wherein a protective

layer of unsaturated curable lacquer systems is located over the at least one cover layer,

whereby wherein the polymers or copolymers for the lacquer systems are selected from the

group consisting of polyacrylates, polymethacrylates, polyurethanes, and mixtures of these

thereof.

24. (Cancelled)

25. (Currently amended) The process according to claim 26, wherein one or more flat

nonwoven materials are additionally located under the at least one cover layer before the

hardening of the at least one cover layer.

Serial No. 09/719,326 (National Phase of PCT/EP99/04419)

371 Filing Date: February 23, 2001

Page 6 of 12

26. (Currently amended) A process for providing a flexible multilayered flat material

comprising:

substantially impregnating completely surrounding at least one substantially flat

reinforcement material with [[a]] at least one coating compound so that a closed layer is

formed around the at least one reinforcement material, wherein the at least one reinforcement

material is a nonwoven material with a weight in the range from 9 to 50 g/m²; wherein the at

least one coating compound contains at least one additive selected from a filler, a pigment,

an expanding agent, a foaming agent, a hydrophobification agent, an auxiliary material, or

any combination thereof, wherein the filler is selected from wood flour, chalk, cork flour,

barium sulfate, slate flour, silicic acid, kaolin, quartz flour, talcum, lignin, non-fibrous

cellulose, glass, colored granulate, colored chips, or any combination thereof, and wherein

the auxiliary material is selected from tall oil, synthetic resins, natural resins, basalmic resin,

copal resin, hydrocarbon resins, siccatives, antioxidants, UV stabilizers, lubricants,

antistatics, processing acids, or any combination thereof;

hardening the at least one coating compound to form [[a]] at least one hardened cover

layer; and

applying the at least one hardened cover layer to a carrier.

27-28. (Cancelled)

Serial No. 09/719,326 (National Phase of PCT/EP99/04419)

371 Filing Date: February 23, 2001

Page 7 of 12

29. (Currently amended) A flexible multilayer flat material comprising at least one cover

layer, wherein the at least one cover layer consists of:

a) at least one coating compound;

b) at least one flat reinforcement material positioned in the at least one cover layer,

whereby wherein the at least one reinforcement material is substantially completely

surrounded by [[a]] the at least one coating compound so that a closed layer is formed around

the at least one reinforcement material, whereby wherein the at least one reinforcement

material is a nonwoven material with a weight in the range from 9 to 50 g/m²; and

c) at least one additive selected from a filler, a pigment, an expanding agent, a

foaming agent, a hydrophobification agent, an auxiliary material, or any combination thereof;

wherein the filler is selected from wood flour, chalk, cork flour, barium sulfate

("heavy spar"), slate flour, silicic acid, kaolin, quartz flour, talcum, lignin, non-fibrous

cellulose, glass, colored granulate, colored chips, or any combination thereof; and

wherein the auxiliary material is selected from tall oil, synthetic resins, natural resins,

basalmic resin, copal resin, hydrocarbon resins, siccatives, antioxidants, UV stabilizers,

lubricants, antistatics, processing acids, or any combination thereof.

30. (Cancelled)

31. (Currently amended) The flexible multilayer flat material according to Claim 29,

wherein[[:]]

the reinforcement material is completely surrounded by the coating compound

constituting the cover layer to form a closed layer around the reinforcement material; and

the at least one coating compound is a material comprising a polyreaction product of

at least one dicarboxylic acid, polycarboxylic acid or their derivatives and mixtures thereof

with at least one epoxidation product of a carboxylic acid ester.